

SHOREFLEX®

Shoreflex® is a Cable Tied Concrete Block Erosion Control Vegetated Mat.

It is a matrix of 5,000 psi concrete blocks strung in a brick lay pattern preventing channeling and impeding waterflow within the mat.



CONCRETE BLOCKS

Description	Requirement	Testing Method
» Concrete Compressive Strength	5000 psi	ASTM C140
» Block Spacing	1.5"	Measured
» Standard Mat Size	10' x 50'	Measured

GEOGRID CONNECTION SYSTEM

Description	Requirement	Testing Method
» Material	Polypropylene yarn	FTIR
» UV Stabilization	Min 2%	ASTM D 4218
» Ultimate Tensile Strength (MD and CMD)	Min 30kN/m (2,055 lb/ft)	ASTM D 6637
» Elongation at Break	Less than or equal to 20%	ASTM D 6637
» Tensile Strength at 10%	20kN/ft (685lb/ft)	ASTM D 6637
» Grid Aperature Size (MD and CMD)	1.6 - 1.9 in	Measured

PERFORMANCE

Description	Bed Slope	Soils	Measured Value	Testing Method
» Shear Stress	10% & 20%	Clayey Loam (USCS) Loam (USDA)	18+PSF	ASTM 6460
» Velocity	10% & 20%	Clayey Loam (USCS) Loam (USDA)	30+ ft/Sec	ASTM 6460

1. Multiple backings are available which include straw erosion mats, polypropylene turf reinforcement mats and geotextiles. Data sheets for each are available upon request.
2. Anchoring systems include rebar stakes and driven cable anchors. Data sheets for particular systems are available upon request.

PREMIER
CONCRETE PRODUCTS
www.premier-concrete.com

shoreflex.com

SHOREFLEX® may change product specifications without notice. The determination of whether the SHOREFLEX® system is suitable for use in the application described in our literature and on our website is to be determined solely by the user. The information provided is not intended to be nor does it represent engineering advice for any particular project or use. Professional engineering should be consulted before installation of SHOREFLEX® units to assure proper design and installation. ALL EXPRESSED OR IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. SHOREFLEX® is a trademark of Premier Concrete Products, Inc.